

BATCH SUBMISSION API

ABSTRACT

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An apparatus and method is disclosed for aggregating API calls within a higher level Batch Submission API (BSA) having a sender BSA (SBSA) and a receiver BSA (RBSA). Specifically, one or more directory limit records needed for the restoration process on a particular server are grouped by the SBSA into one large buffer. The SBSA validates batch records prior to transmitting them to a receiver. The SBSA does not transmit the records if either (1) all of the records fail pre-submission validation or (2) a certain percentage of the records fail pre-submission validation. Once the SBSA has performed the pre-submission validation of the records, a buffer and count (BC) is transmitted to a receiver BSA (RBSA) at a second computer. The BC contains records passing pre-submission validation checks and a count of the records contained within the buffer. The RBSA would then process each of the directory limits records contained in the buffer at the second computer.

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